

UNCLASSIFIED

SG1J

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TITLE: TDN-1 BIOLOGICAL CURRENT ELECTRODE CAP FOR BRAIN WAVE  
DOC REF: TDN-1 BIOLOGICAL CURRENT ELECTRODE CAP FOR BRAIN WAVE,  
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INF CTY: PEOPLES REPUBLIC OF CHINA (CH)  
INF DATE: 87  
COSATI: BIOLOGICAL AND MEDICAL SCIENCES (06)  
CLASSIF: UNCLASSIFIED  
RELEASE: NONE (XX)

TEXT: EXTRACT.

THE MODEL TDN-1 FOUR WIRE CEREBRAL BIOELECTRICAL SOURCE ELECTRODE CAP WAS DEVELOPED FOR RECORDING HUMAN CEREBRAL BIOELECTRICITY UNDER SOME SPECIAL CONDITIONS. THE ELECTRODE CAP HAS RELATIVELY HIGH NOISE IMMUNITY AND CAN BETTER RECORD HUMAN BIOELECTRICAL SIGNALS DURING SOME MOVING STATES. AS PROVED FOLLOWING LONG PERIODS OF ACTUAL USE, THE INSTRUMENT CAN ACCURATELY AND CLEARLY RECORD VARIATIONS OF HUMAN CEREBRAL BIOELECTRICITY UNDER CONDITIONS OF LOW ATMOSPHERE PRESSURE WITH OXYGEN DEFICIENCY, QIGONG (GAS ENERGY) MEDITATION STATE, AND FIELD EXPERIMENTAL CONDITIONS WITH RELATIVELY HIGH INTERFERENCE. THUS, THESE ELECTRODE CAPS HAVE GOOD COMMENTS FROM USERS. IN ADDITION, IF A SMALL MAGNETIC TAPE RECORDER OR A TRANSMITTER IS ATTACHED TO THE INSTRUMENT, HUMAN CEREBRAL BIOELECTRICITY DURING FREE MOVING CONDITIONS CAN ALSO BE RECORDED. THUS, THIS IS A VERY FEASIBLE INSTRUMENT FOR RECORDING CEREBRAL BIOELECTRICITY FOR PROLONGED CLINICAL MONITORING OF PATIENTS AS WELL AS ATHLETIC ACTIVITIES.

PFN INFORMATION: PART 001

NOMN: TDN-1 (TDN1) ELECTRODE CAP  
NOMN CTY: PEOPLES REPUBLIC OF CHINA (CH)  
NOMN DATA: SPECIFICATIONS